

**UTILITY  
- PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 209873US0

First Inventor or Application Identifier Leonid R.ovich PTITSYN, et al.

Title NEW MUTANT N-ACETYLGLUTAMATE SYNTHASE AND METHOD FOR L-ARGININE PRODUCTION

Assignee Name: AJINOMOTO CO., INC.

Assignee Address: 15-1, Kyobashi 1-Chome, Chuo-ku, Tokyo, Japan

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. Specification Total Sheets 27

3. Drawing(s) (35 U.S.C. 113) Total Sheets 1  
Formal

4. Oath or Declaration Total Pages  
a. Newly executed (original or copy)  
b. Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation / divisional w/ box 17 completed)  
i. DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 C.F.R. §1.63(d)(2) and  
1.33(b).

5. CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification or Sequence Listing on:

i. CD-ROM or CD-R (2 copies); or

ii. Paper

c. Statements verifying identity of above copies

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**ACCOMPANYING APPLICATION PARTS**

7. Assignment Papers (cover sheet & document(s))  
8. Application Data Sheet. See 37 CFR 1.76  
9. 37 C.F.R. §3.73(b) Statement (when there is an assignee) Power of Attorney  
10. English Translation Document (if applicable)  
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations  
12. Preliminary Amendment  
13. White Advance Serial No. Postcard  
14. Certified Copy of Priority Document(s) (if foreign priority is claimed)  
15. Applicant claims small entity status. See 37 CFR 1.27  
16. Other: Notice of Priority, List of Inventor's Names and Addresses, Receipt of an Original Deposit of Microorganisms for the Purpose of Patent Procedure (B-7925)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

This application is a Continuation Division Continuation-in-part (CIP)  
of application Serial No. Filed on

Which was published in English

Which was not published in English

This application claims priority of provisional application Serial No.

Filed

**19. CORRESPONDENCE ADDRESS**



22850

(703) 413-3000

FACSIMILE: (703) 413-2220

Name:	Norman F. Oblon	Registration No.:	24,618
Signature:		Date:	6/22/01
Name:	Registration Number 21,124	Registration No.:	

Docket No. 209873US0

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) Leonid Romanovich PTITSYN, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NEW MUTANT N-ACETYLGLUTAMATE SYTHASE AND METHOD FOR L-ARGININE PRODUCTION

**FEE TRANSMITTAL**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	12 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	× \$80 =	\$0.00
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$710.00
TOTAL OF ABOVE CALCULATIONS				\$1,110.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$1,110.00

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- ☐ Please charge Deposit Account No. 15-0030 in the amount of \_\_\_\_\_ A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1,110.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon

Registration No. 24,618

C. Irvin McClelland  
Registration Number 21,124



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/00)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Leonid Romanovich PTITSYN, et al.

FILING DATE: Herewith

FOR: NEW MUTANT N-ACETYLGUTAMATE SYNTHASE AND METHOD FOR L-ARGININE  
PRODUCTION

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Leonid Romanovich PTITSYN	Moscow, RUSSIA
Irina Borisovna ALTMAN	Moscow, RUSSIA
Sergey Vasil'evich SMIRNOV	Moscow, RUSSIA
Yulia Georgievna ROSTOVA	Moscow, RUSSIA
Tatyana Abramovna YAMPOLSKAYA	Moscow, RUSSIA
Tatyana Viktorovna LEONOVA	Moscow, RUSSIA
Mikhail Markovich GUSYATINER	Moscow, RUSSIA

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon  
Registration No. 24,618

C. Irvin McClelland  
Registration Number 21,124



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 11/98)

Appendix 3

page 14

Budapest treaty on the international  
recognition of the deposit of microorganisms  
for the purposes of patent procedure

To  
Ajinomoto Co., Inc

1-15-1 Kyobashi, Chuo-ku  
Tokyo 104-8315  
Japan  
Name and address  
of depositor

INTERNATIONAL FORM  
receipt in the case of an original deposit  
issued pursuant to Rule 7.1 by the  
INTERNATIONAL DEPOSITARY AUTHORITY  
identified at the bottom of this page

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the  
DEPOSITOR

Escherichia coli 237

Accession number given by the  
INTERNATIONAL DEPOSITARY  
AUTHORITY:  
B-7925

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

☒ a scientific description  
☐ a proposed taxonomic designation  
(Mark with a cross where applicable)

producer of L-glutamate, L-arginine

III. RECEIPT AND ACCEPTANCE

This International Depositary Authority accepts the microorganism identified under I above,

1  
which was received by it on 10.04.00

..(date of original deposit)

IV. RECEIPT OF REQUEST FOR CONVERSION

The microorganism identified under I above was received by this International Depositary  
Authority

on 10.04.00

(date of original deposit) and a request to convert the

original deposit to a deposit under the Budapest Treaty was received by it on

18/05/01

(date of receipt of request for conversion)

V. INTERNATIONAL DEPOSITARY AUTHORITY

Name: Russian National Collection  
of Industrial Microorganisms (VKPM)

GosNIIGenetika

Address: Russia 113545 Moscow

1 Dorozhny proezd I

Signature (s) of person(s) having the  
power to represent the International  
Depositary

Authority or authorized official(s):

Date:

Sincovy S.P.

06.06.2001

